PAQ-003-0004502   Seat No. _____

B. Sc. (IT) (Sem. V) (CBCS) Examination

October / November - 2018

CS - 26 : Advance Java Programming (J2EE)

Faculty Code : 003
Subject Code : 0004502

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   Attempt the following :   **20**

   (1)   Explain Unavailable Exception Class.

   (2)   What is HttpServlet Class?

   (3)   What is the use of <jsp:plugin>?

   (4)   Explain service( ).

   (5)   What is JDBC?

   (6)   What is Container?

   (7)   Explain GenericServlet Class?

   (8)   Explain <param> Web.xml.

   (9)   Give the list of JDBC other API.

   (10) Give the list of J2EE API.

   (11) Explain Statement interface.

   (12) Explain exception object of jsp.

   (13) What is getParameterNames( ).

   (14) What is EncodeURL( )?

   (15) Explain setContentType( )

   (16) Explain getCreationTime( ) of cookies.

   (17) Explain doTrace( )

   (18) Explain getAttribute( ) & setAttribute( ).

   (19) Give the list of methods of Servlet Interface.

   (20) Explain Scriptlet.

2 (a) Attempt any **three** : **6**

    (1) Give the list of JSP Elements.

    (2) Explain Tomcat.

    (3) Explain getAttribute( ) and setAttribute( ).

    (4) Explain request and response object.

    (5) Write a short note cookie.

    (6) Explain session.

  (b) Attempt any **three** : **9**

    (1) Explain jsp and servlet difference.

    (2) Explain out object with example.

    (3) Write a short note on Result set.

    (4) Write a note on Database Meta Data.

    (5) Explain Container.

    (6) Explain Types of Database Drivers.

  (c) Attempt any **two** : **10**

    (1) Write a program with JDBC to accept empid from user and then delete that record from employee table.

    (2) List out Types of Statement. Explain PreparedStatement with example.

    (3) Explain RMI Architecture.

    (4) Explain Session tracking.

    (5) Explain Page Directive and Include Directive of JSP.

3 (a) Attempt any **three** : **6**

    (1) Write a note Result Set Meta Data.

    (2) Explain Elements of JSP.

    (3) Write a note on J2EE data types.

    (4) Explain scope of JSP variables.

    (5) Explain callable statement.

    (6) Explain Deployment Descriptor.

(b) Attempt any **three** : 9

    (1) Explain include( ) and forward( ).

    (2) List all implicit objects of JSP and explain any two in brief.

    (3) Explain single thread modal interface.

    (4) Explain Servlet Exception Class.

    (5) Write a note on ServletContext Interface.

    (6) Explain Stub and Skeleton.

(c) Attempt any **two** : 10

    (1) Explain Taglib directive.

    (2) Explain J2EE as application server.

    (3) Explain Error Handling in JSP with example.

    (4) Explain two-tier and three-tier architecture.

    (5) Explain include and forward action of JSP pages..

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